OIPE

RAW SEQUENCE LISTING   DATE: 06/06/2002
PATENT APPLICATION: US/09/936,271A   TIME: 15:02:22

Input Set : **A:\MTS3sequencelst.txt**
Output Set: **N:\CRF3\06062002\I936271A.raw**

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   3  <110>  APPLICANT: Mount Sinai Hospital
   5  <120>  TITLE OF INVENTION: NOVEL HUMAN KALLIKREIN-LIKE GENES
   7  <130>  FILE REFERENCE: p170pct10
C-->  9  <140>  CURRENT APPLICATION NUMBER: US/09/936,271A  .
C--> 10  <141>  CURRENT FILING DATE: 2002-06-06
  12  <150>  PRIOR APPLICATION NUMBER: US 60/124,260
  13  <151>  PRIOR FILING DATE: 1999-03-11
  15  <150>  PRIOR APPLICATION NUMBER: US 60/127,386
  16  <151>  PRIOR FILING DATE: 1999-04-01
  18  <150>  PRIOR APPLICATION NUMBER: US 60/144,919
  19  <151>  PRIOR FILING DATE: 1999-07-21
  21  <160>  NUMBER OF SEQ ID NOS: 95
  23  <170>  SOFTWARE: PatentIn Ver. 2.0
  25  <210>  SEQ ID NO: 1
  26  <211>  LENGTH: 4740
  27  <212>  TYPE: DNA
  28  <213>  ORGANISM: Homo sapiens
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  33  gctgccagcc ccttctgggc ccccaaccac tgcctggtca gagttgaggc agcctgagag  180
  34  agttgagctg gaagtttgca gcacctgacc cctggaacac atcccctggg ggcaggccag  240
  35  cccaggctga ggatgcttat aagccccaag gaggcccctg cggaggcagc aggctggagc  300
  36  tcagcccagc agtggaatcc aggagcccag aggtggccgg gtaagaggcc tggtggtccc  360
  37  ccactaaaag cctgcagtgt tcatgatcca actctcccta cagctccatg tcgctggatt  420
  38  ctcagcctct gtgccttctg tctccacatc tctctagaca gatctctcac tgtctctagt  480
  39  taggagtcac tgtctctagt taggggtctc tctgtctctc tgaatctata tctccatgtc  540
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  41  tctgtgtgtc ttccctccat gcttgtttgt gggtggctag acaccatctc tccccattca  660
  42  cagatggcta gatgctttct ctaaactttc ctttctacct agttctctct ctctctcttt  720
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  46  cggctaagtc tcagtcctca tccccaggtg ctgacgtgat ggccacagca ggaaatccct  960
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  51  gttgtacctg tgagactctg acagtttgtg cctctgaata tctggtggag tgacaacagt  1260
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 56 cgactctttg agcatcagtc tgcgcagaca agtgacccga tccttgctcc cagcaacaac 1560
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 58 tcctctgttg aacccctcct gaccgtggct ttgcaccgcg atggcaccag tctcacctcc 1680
 59 agagctcacc ccagagccct gactccgccc cagaagccct ggtcccacct tctgagactg 1740
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 62 ccctgactac cctgaatccc tgaccaggct cctgcaccgt gatcaccgcc cctgggagcc 1920
 63 ctaggcctat atcctggacc agccctgaa gctccgatca tgaccctgc accataaccc 1980
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 66 gagccctggg cccgcctcct gagcccgttc ccagccctga ctccgccccg aggagccctg 2160
 67 actgctcctg aacctctgac cacgcccctg ctcggtaagc ccaccccag gaaccctggg 2220
 68 cccgcctcct ggtcccgatc ccatccctga ctccgccctc aggatctctc gtctctggta 2280
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104 agcattcagg acataggaca tcgggaagca ggattagatg aagtcaggga tctggaatgg 4440
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105 gacttccaac agatatgttg ctgggctatg ttgttattga tgatggttct gtctttgttt 4500
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107 ttctgactct ccctctcttc acaacagggt gactctgggg ggcccctgat ctgcaacggg 4620
108 tacttgcagg gccttgtgtc tttcggaaaa gccccgtgtg gccaagttgg cgtgccaggt 4680
109 gtctacacca acctctgcaa attcactgag tggatagaga aaaccgtcca ggccagttaa 4740
111 <210> SEQ ID NO: 2
112 <211> LENGTH: 237
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 2
117 Ser Leu Val Ser Gly Ser Cys Ser Gln Ile Ile Asn Gly Glu Asp Cys
118   1               5                  10                  15
120 Ser Pro His Ser Gln Pro Trp Gln Ala Ala Leu Val Met Glu Asn Glu
121             20                  25                  30
123 Leu Phe Cys Ser Gly Val Leu Val His Pro Gln Trp Val Leu Ser Ala
124         35                  40                  45
126 Ala His Cys Phe Gln Asn Ser Tyr Thr Ile Gly Leu Gly Leu His Ser
127     50                  55                  60
129 Leu Glu Ala Asp Gln Glu Pro Gly Ser Gln Met Val Glu Ala Ser Leu
130  65                  70                  75                  80
132 Ser Val Arg His Pro Glu Tyr Asn Arg Pro Leu Leu Ala Asn Asp Leu
133             85                  90                  95
135 Met Leu Ile Lys Leu Asp Glu Ser Val Ser Glu Ser Asp Thr Ile Arg
136            100                 105                 110
138 Ser Ile Ser Ile Ala Ser Gln Cys Pro Thr Ala Gly Asn Ser Cys Leu
139         115                 120                 125
141 Val Ser Gly Trp Gly Leu Leu Ala Asn Gly Glu Leu Thr Gly Arg Met
142        130                 135                 140
144 Pro Thr Val Leu Gln Cys Val Asn Val Ser Val Val Ser Glu Glu Val
145 145                 150                 155                 160
147 Cys Ser Lys Leu Tyr Asp Pro Leu Tyr His Pro Ser Met Phe Cys Ala
148            165                 170                 175
150 Gly Gly Gly Gln Asp Gln Lys Asp Ser Cys Asn Gly Asp Ser Gly Gly
151            180                 185                 190
153 Pro Leu Ile Cys Asn Gly Tyr Leu Gln Gly Leu Val Ser Phe Gly Lys
154            195                 200                 205
156 Ala Pro Cys Gly Gln Val Gly Val Pro Gly Val Tyr Thr Asn Leu Cys
157     210                 215                 220
159 Lys Phe Thr Glu Trp Ile Glu Lys Thr Val Gln Ala Ser
160 225                 230                 235
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164 <211> LENGTH: 254
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 3
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172 Leu Gly Val Ala Gly Ser Leu Val Ser Gly Ser Cys Ser Gln Ile Ile
173             20                  25                  30
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175 Asn Gly Glu Asp Cys Ser Pro His Ser Gln Pro Trp Gln Ala Ala Leu
176         35                  40                  45
178 Val Met Glu Asn Glu Leu Phe Cys Ser Gly Val Leu Val His Pro Gln
179      50                  55                  60
181 Trp Val Leu Ser Ala Ala His Cys Phe Gln Asn Ser Tyr Thr Ile Gly
182  65                  70                  75                  80
184 Leu Gly Leu His Ser Leu Glu Ala Asp Gln Glu Pro Gly Ser Gln Met
185              85                  90                  95
187 Val Glu Ala Ser Leu Ser Val Arg His Pro Glu Tyr Asn Arg Pro Leu
188             100                 105                 110
190 Leu Ala Asn Asp Leu Met Leu Ile Lys Leu Asp Glu Ser Val Ser Glu
191          115                 120                 125
193 Ser Asp Thr Ile Arg Ser Ile Ser Ile Ala Ser Gln Cys Pro Thr Ala
194      130                 135                 140
196 Gly Asn Ser Cys Leu Val Ser Gly Trp Gly Leu Leu Ala Asn Gly Arg
197 145                 150                 155                 160
199 Met Pro Thr Val Leu Gln Cys Val Asn Val Ser Val Val Ser Glu Glu
200                 165                 170                 175
202 Val Cys Ser Lys Leu Tyr Asp Pro Leu Tyr His Pro Ser Met Phe Cys
203             180                 185                 190
205 Ala Gly Gly Gly Gln Asp Gln Lys Asp Ser Cys Asn Gly Asp Ser Gly
206             195                 200                 205
208 Gly Pro Leu Ile Cys Asn Gly Tyr Leu Gln Gly Leu Val Ser Phe Gly
209      210                 215                 220
211 Lys Ala Pro Cys Gly Gln Val Gly Val Pro Gly Val Tyr Thr Asn Leu
212 225                 230                 235                 240
214 Cys Lys Phe Thr Glu Trp Ile Glu Lys Thr Val Gln Ala Ser
215                 245                 250
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219 <211> LENGTH: 278
220 <212> TYPE: DNA
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 4
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226 tttcggaaaa gccccgtgtg gccaagttgg cgtgccaggt gcctacacca acctctgcaa 180
227 attcactgag tggatagaga aaaccgtcca ggccagttaa ctctggggac tgggaacccca 240
228 tgaaattgac ccccaaatac atcctgcgga aggaattc                          278
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232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
238 <400> SEQUENCE: 5
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241 <210> SEQ ID NO: 6
242 <211> LENGTH: 20
243 <212> TYPE: DNA

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244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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253 <211> LENGTH: 21
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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264 <211> LENGTH: 21
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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277 <213> ORGANISM: Artificial Sequence
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280 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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286 <211> LENGTH: 19
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
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291 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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308 <211> LENGTH: 21
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY   DATE: 06/06/2002
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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date